Author Index to Volume XLIV

- Acker, A.: Addendum to: On the Non-Convexity of Solutions in Free-Boundary Problems Arising in Plasma Physics and Fluid Dynamics, 869
- Allaire, G.: Homogenization of the Navier-Stokes Equations with a Slip Boundary Condition, 605
- Artin, M., Schelter, W., and Tate, J.: Quantum Deformations of GL_n, 879
- Avellaneda, M., and Lin, F. H.: L^p Bounds on Singular Integrals in Homogenization, 897
- Baxter, J. R., Jain, N. C., and Varadhan, S. R. S.: Some Familiar Examples for Which the Large Deviation Principle Does Not Hold, 911
- Beale, J. T.: Exact Solitary Water Waves with Capillary Ripples at Infinity, 211
- Berman, S. M.: Central Limit Theorems for Extreme Sojourns of Stationary Gaussian Processes. 925
- Beylkin, G., Coifman, R., and Rokhlin, V.: Fast Wavelet Transforms and Numerical Algorithms I. 141
- Brenier, Y.: Polar Factorization and Monotone Rearrangement of Vector-Valued Functions, 375
- Brezis, H., and Nirenberg, L.: Remarks on Finding Critical Points, 939
- Caffarelli, L.: Some Regularity Properties of Solutions of Monge-Ampère Equation, 965
- Chen, G.-Q.: Propagation and Cancellation of Oscillations for Hyperbolic Systems of Conservation Laws, 121
- Cheng, Z., Lebowitz, J. L., and Speer, E. R.: Microscopic Shock Structure in Model Particle Systems: The Boghosian-Levermore Cellular Automation Revisited, 971
- Chow, B.: On Harnack's Inequality and Entropy for the Gaussian Curvature Flow, 469
- Chow, B., and Wu, L.-F.: The Ricci Flow on Compact 2-Orbifolds with Curvature Negative Somewhere, 275
- Christodoulou, D.: The Formation of Black Holes and Singularities in Spherically Symmetric Gravitational Collapse, 339
- Coifman, R.: see Beylkin, G.
- Colella, P.: see Trangenstein, J. A.

- Deift, P., and Zhou, X.: Direct and Inverse Scattering on the Line with Arbitrary Singularities, 485
- Deift, P.: see Venakides, S.
- E, Weinan: A Class of Homogenization Problems in the Calculus of Variations, 733
- E, Weinan, and Kohn, R. V.: The Initial-Value Problem for Measure-Valued Solutions of a Canonical 2 × 2 System with Linearly Degenerate Fields, 981
- Esteban, M. J.: Nonsymmetric Ground States of Symmetric Variational Problems, 259
- Firoozye, N. B.: Optimal Use of the Translation Method and Relaxations of Variational Problems, 643
- Fokas, A. S.: see Sung, L. Y.
- Garabedian, P., and Taylor, M.: Electron Transport in Bifurcated Tokamak Equilibria, 1001
- Goodman, J., and Hou, T. Y.: New Stability Estimates for the 2-D Vortex Method, 1015
- Greengard, L., and Rokhlin, V.: On the Numerical Solution of Two-Point Boundary Value Problems, 419
- Hou, T. Y., and Lax, P. D.: Dispersive Approximations in Fluid Dynamics, 1
- Hou, T. Y .: see Goodman, J.
- Isakov, V.: Inverse Parabolic Problems with the Final Overdetermination, 185
- Jain, N. C.: see Baxter, J. R.
- Journé, J.-L., Soffer, A., and Sogge, C. D.: Decay Estimates for Schrödinger Operators, 573
- Keller, J. B.: see Knessl, C.
- Kichenassamy, S.: Breather Solutions of the Nonlinear Wave Equation, 789
- Knessl, C., and Keller, J. B.: Asymptotic Behavior of High-Order Differences of the Partition Function, 1033
- Kohn, R. V.: see E, Weinan
- Lax, A.: From One Editor to Another, 877
- Lax, P. D.: Deterministic Analogues of Turbulence, 1047

Lax, P. D.: see Hou, T. Y.

Lebowitz, J. L.: see Cheng, Z.

Li, Y.: see Lin, F. H.

Lin, F. H.: On Nematic Liquid Crystals with Variable Degree of Orientation, 453

Lin, F.-H.: Nodal Sets of Solutions of Elliptic and Parabolic Equations, 287

Lin, F. H., and Li, Y.: Boundary C^{1,a} Regularity for Variational Inequalities, 715

Lin, F. H.: see Avellaneda, M.

McKean, H.: To Natascha, 875

McKean, H. P.: Curvatura Integra, Handle-Number, and Genus of Transcendental Curves. 1057

McKean, H. P., and Shatah, J.: The Nonlinear Schrodinge: Equation and the Nonlinear Heat Equation: Reduction to Linear Form, 1067

Morawetz, C. S.: An Alternative Proof of Di-Perna's Theorem, 1081

Morawetz, C. S., Stevens, D. C., and Weitzner, H.: A Numerical Experiment on a Second-Order Partial Differential Equation of Mixed Type, 1091

Ni, W.-M., and Takagi, I.: On the Shape of Least-Energy Solutions to a Semilinear Neumann Problem, 819

Nirenberg, L.: see Brezis, H.

Oba, R.: see Venakides, S.

Papanicolaou, G., and Zhu, J.: A Vortex Method for Fluid-Particle Systems, 101

Payne, K. R.: Smooth Tame Fréchet Algebras and Lie Groups of Pseudodifferential Operators, 309

Percus, J. K.: see Percus, O. E.

Percus, O. E., and Percus, J. K.: Time Series Transformations in Clocked Queueing Networks, 1107

Rokhlin, V.: see Beylkin, G. Rokhlin, V.: see Greengard, L. Rothenberg, M., and Triantafillou, G.: On the Classification of G-Manifolds up to Finite Ambiguity, 761

Schelter, W.: see Artin, M.

Shapiro, H. N., and Sparer, G. H.: Minimal Bases for Cubic Fields, 1121

Shatah, J.: see McKean, H. P.

Shlapentokh, A.: A Diophantine Definition of Integers in the Rings of Rational Numbers, 853

Soffer, A.: see Journé, J.-L.

Sogge, C. D.: see Journé, J.-L.

Sparer, G. H.: see Shapiro, H. N.

Speer, E. R.: see Cheng, Z.

Stevens, D. C.: see Morawetz, C. S.

Sung, L. Y., and Fokas, A. S.: Inverse Problem for N × N Hyperbolic Systems on the Plane and the N-Wave Interactions, 535

Sznitman, A.-S.: On the Confinement Property of Two-Dimensional Brownian Motion Among Poissonian Obstacles, 1137

Takagi, I.: see Ni, W.-M.

Tate, J.: see Artin, M.

Taylor, M.: see Garabedian, P.

Trangenstein, J. A., and Colella, P.: A Higher-Order Godunov Method for Modeling Finite Deformation in Elastic-Plastic Solids, 41

Triantafillou, G.: see Rothenberg, M.

Varadhan, S. R. S.: see Baxter, J. R. Venakides, S., Deift, P., and Oba, R.: The Toda Shock Problem, 1171

Weitzner, H.: see Morawetz, C. S. Wu, L.-F.: see Chow, B.

Xin, Z.: The Fluid-Dynamic Limit of the Broadwell Model of the Nonlinear Boltzmann Equation in the Presence of Shocks, 679

Zhou, X.: see Deift, P. Zhu, J.: see Papanicolaou, G.

